

Application Serial No. 10/757,134  
Attorney Docket No. 72255-00011  
Response to November 4, 2005 Office Action

### REMARKS/ARGUMENTS

The applicant wishes to acknowledge, with thanks, the Office action mailed November 4, 2005. This amendment is responsive to the Office action mailed November 4, 2005. The last Office Action was final, accordingly applicant is submitting an RCE with corresponding fee.

Claims 1, 7 and 18 have been amended. Claims 25-26, 28-30 and 34 have been canceled without prejudice or disclaimer. Claims 35-36 have been added. The subject matter of new claim 35 is not new matter as it is disclosed in Figure 1 of the original specification. The subject matter of new claim 36 is not new matter as it is disclosed in the paragraph bridging pages 5 and 6 of the original specification. Claims 1-19, 21-23, 32-33 and 35-36 remain pending.

#### I. REJECTIONS UNDER 35 U.S.C. § 102

Claims 1-19, 21-23, 25, 26, 28-30 and 32-34 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,853,197 to McFarland et al. (*hereinafter* McFarland). For reasons that will now be set forth, claims Claims 1-19, 21-23, 32-33 and 35-36 as they now currently stand are not anticipated by McFarland.

##### **A. McFarland does not teach that the electronic serialization component is reprogrammable to allow a change of a value of the at least one predetermined antenna characteristic.**

Independent claims 1, 7 and 18 as currently amended recite that the electronic serialization component is programmable and enables the value for at least one of the predetermined antenna characteristics to be modified.

By contrast, McFarland only allows modification of the programming in the wireless transceiver's integrity check mechanism, and does not disclose modifying a value stored at electronic serialization component (*see* McFarland col. 5, lines 51-59, "A transceiver board port 275 provide a port for transfer of new and updated programs for evaluating the DC current or other characteristics of the attached antenna. For example, Table 1 may be stored in a data portion of memory 270. The table may be updated with new values or changes to existing resistors or corresponding antennas. New and updated values are transferred to the memory via transceiver board port 275." *see also*, Col. 12, lines 18-24, "The present invention allows

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programmability of the integrity check mechanisms (e.g., programs stored in memory 270) so that new antenna features, types gain ranges, or other parameters can be upgraded or changed (e.g., via port 275) consistent with future requirements within the QoS and other product spaces.” cf. “Facilities for adjusting the transceiver’s operational parameters could be maintained in the controller 440, embodied in either electronics or in software programs stored in memory 445, for example.” {col. 9, lines 8-12}). Nowhere, does McFarland teach that values stored in the serialization component (e.g. 230 in Fig. 2, 340 in Fig. 3, 425 in Fig. 4 or Microchip 640 in Fig. 6) can be modified.

Furthermore, McFarland explicitly teaches away from the present invention as McFarland’s goal is to prevent modification of the electronic component or circuit that has a value corresponding to the properties of the antenna (see col. 11, lines 11-17, “The present invention is also directed toward reducing the likelihood that entrepreneurial users of devices according to the present invention do not thwart the security implemented for validating antenna integrity. In this regard, the present invention also provides for placement of components or microchips resident on the antennas in a location that is not easily altered, removed, or otherwise modified.”).

Therefore, for the reasons just set forth, claims 1, 7 and 18 are not anticipated by McFarland. Claims 2-6, 8-17, 19, 21-23, 32-33 and 35-36 are directly dependent from one of claims 1, 7, and 18 and therefore contains each and every element of one of claims 1, 7 and 18. Therefore, for the reasons already set forth for claims 1, 7 and 18, claims 2-6, 8-17, 19, 21-23, 32-33 and 35-36 are also not anticipated by McFarland.

**B. McFarland does not teach electronic serialization component is coupled between the antenna connector and the antenna or is in series between antenna element and**

In addition to the reasons set forth above, independent claims 1 and 7, as currently amended, recite that the electronic serialization component is coupled between the antenna connector and the antenna. By contrast, McFarland teaches that the serialization component is either between antenna elements (component 230, Fig. 2; component 340 Fig. 3) or is not connected to the antenna element (pins 430 Fig. 4; microchip 640, Fig. 6).

Therefore, for the reasons just set forth, claims 1 and 7 are not anticipated by McFarland. Claims 2-7, 32, 35-36 and claims 8-17, 33 directly depend from claims 1 and 7 respectively and

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therefore contain each and every element of claims 1 and 7. Therefore, for the reasons just set forth, claims

In addition to the reasons set forth above, new claim 35 recites that the antenna element, electronic serialization component and antenna connector are in series. McFarland does not teach this as McFarland teaches that the serialization component is either between antenna elements (component 230, Fig. 2; component 340 Fig. 3) or is not connected to the antenna element (pins 430 Fig. 4; microchip 640, Fig. 6). Therefore, claim 35 is not anticipated by McFarland.

**C. McFarland does not teach electronic serialization component has a switch**

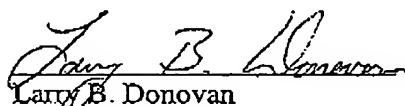
New claim 36 recites that the electronic serialization component further comprises a switch, wherein the switch is operable to disable the radio component unless the radio component identifies a correct type of antenna. Nowhere does McFarland teach this element. In fact, the word 'switch' does not appear in McFarland. Therefore, McFarland does not anticipate claim 36.

**II. Conclusion**

For the reasons just set forth, claims 1-19, 21-23, 32-33 and 35-36 are not anticipated by McFarland. If there are any fees necessitated by the foregoing communication, please charge such fees to our Deposit Account No. 50-0902, referencing our Docket No. 72255-00011.

Respectfully submitted,  
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